

REMARKS

With the above amendments, claims 1-8, 10-13, and 16-18 remain in the application. Claims 9, 14, 15, 19, and 20 are hereby canceled without prejudice. Claims 1-8, 10, 13, and 16 are hereby amended. No new matter is being added.

Specification

The specification has been objected to as failing to provide proper antecedent basis for claims 14 and 15. Applicants have hereby canceled claims 14 and 15 without prejudice. As such, applicants respectfully submit that this objection is now overcome due to it being moot.

The title has been objected to as not descriptive. Applicants have hereby amended the title in accordance with the title suggested by the Examiner. Hence, applicants respectfully submit that this objection is now overcome.

Claim Rejections -- 35 U.S.C. 101

Claims 1-8 and 19-20 have been rejected under 35 U.S.C. 101. Applicants have hereby amended claims 1-8 and have hereby canceled claims 19-20 without prejudice. Regarding claims 1-8, applicants traverse this rejection with respect to claims 1-8 as now amended.

Amended claim 1 now recites, “**A multiprocessor apparatus** including multiple processors and computer-readable memory.” (Emphasis added) Claim 1 further recites, “said memory comprising: **computer-readable code** configured to determine whether a memory object requested by a process running on a processor comprises a shared-memory object; and **computer-readable code** configured to select a default locality to be within interleaved memory of the multiprocessor

apparatus if the memory object comprises said shared-memory object.”
(Emphasis added.)

Claim 1 has thus been amended to change its form from a method claim to a multiprocessor apparatus claim. Applicants respectfully submit that amended claim 1 now recites statutory subject matter under 35 U.S.C. 101.

Claims 2-8 depend from claim 1. Claims 2-8 have been amended similarly to claim 1 and now each recite, “The multiprocessor apparatus of claim” Hence, applicants respectfully submit that claims 2-8 are also now directed to statutory subject matter under 35 U.S.C. 101.

Claim Rejections--35 U.S.C. 112

Claims 14-15 have been rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Applicants have hereby canceled claims 14 and 15 without prejudice. As such, applicants respectfully submit that this rejection is now overcome due to it being moot.

Allowable Subject Matter

Per the office action, the subject matter of claims 1-8 have been deemed allowable if rewritten or amended to overcome the rejections under 35 U.S.C. 101 set forth in the office action.

As discussed above, claims 1-8 have been amended and now recite statutory subject matter under 35 U.S.C. 101. Hence, applicants respectfully submit that claims 1-8 are now in form for allowance.

Per the office action, the subject matter of claims 10-12 and 17-18 have been objected to as being dependent upon a rejected base claim, but would be

allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 10 is hereby amended to be in independent form including all of the limitations of original independent claim 9. As such, applicants respectfully submit that amended claim 10 is now in form for allowance.

Claims 11-12 and 17-18 depend from allowable claim 10. Hence, applicants respectfully submit that claims 11-12 and 17-18 are now also in form for allowance.

Claims 13 and 16 have been amended so as to also depend from allowable claim 10. Hence, applicants respectfully submit that claims 13 and 16 are now also in form for allowance.

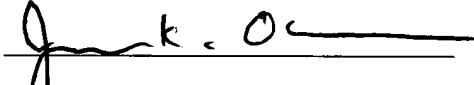
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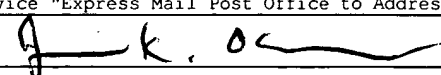
For at least the above reasons, it is respectfully submitted that claims 1-8, 10-13, and 16-18, as hereby amended, are now in form for allowance.

The Examiner is invited to telephone the undersigned at (408) 436-2111 for any questions. If for any reason an insufficient fee has been paid, the Commissioner is hereby authorized to charge the insufficiency to Deposit Account No. 08-2025.

Respectfully submitted,
Michael E. Yoder

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